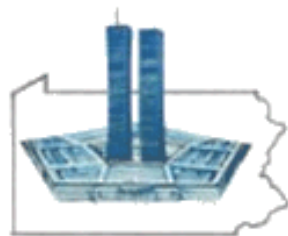


Particle Post

FEBRUARY 2005

Editor: Pamela Manning X4072



**We Remember
Sept. 11, 2001**

*In the arithmetic of love,
one plus one equals everything,
two minus one equals nothing.*

M. McLaughlin

A Note From Our Chairman

There is great news and there is bad news this month. First the good news. RHIC operations is doing so well that we have exceeded our optimistic delivered luminosity projections with 3 more weeks to go for full energy copper collisions. We expect to run a 2 week 62 GeV copper run after the 200 GeV run is completed on March 7. In parallel the AGS will soon be used to commission polarized protons with the new cold snake that the Superconducting Magnet Division is building. We will be running polarized protons until about June 25.

The NSRL program will have 2 runs starting in March and ending in June. In addition, we will be running the AGS for about 10 days in July for a NASA physics experiment.

Now comes the bad news. The President's budget for the entire DOE nuclear physics program has been reduced by 8.4%. We have not been spared. We will be working with Congress to overcome these draconian funding reductions. I urge everyone to write their Congressman, Senators and the White House as to the scientific importance of their work, human impact to job losses, impact to the Long Island and New York economy and the loss of the scientific effort to the Nation and the World. Every little bit will help. Hopefully by the summer we will be able to plan for a more generous funding.

On the SNS front, our part of the project will be completed by March 31. We will have completed our part on time and below budget. Congratulations to everyone who has worked on the SNS project. The last adjustments in staffing are underway. I would like to thank those who have volunteered to save others a job. I expect an involuntary RIF of 4 individuals.

Derek Lowenstein



Administration

At long last, we have a budget from DOE for this fiscal year. In the final analysis, we received 1.5% less than the Presidential budget to which we planned last year plus an additional \$1.4M in operating funds to extend the current run. Despite the additional funding, materials budgets remain tight and it is critical that technical managers closely monitor expenses.

An enhanced reporting system was implemented in January to assist technical personnel in evaluating their financial status. Additional reports are available to the administrative group, so please let us know if you have any special information needs. Remember also that administrative personnel are available to discuss your financial status with you on a one on one basis.

The financial data for the Laboratory's annual Budget Submission has been prepared and is being fine-tuned. Our Presidential Guidance for FY 2006 was disappointing and challenges the Department to once again redefine "lean and mean". Our program managers are clearly not optimistic about the short term funding situation for RHIC but the inclusion of EBIS construction in the '06 budget is a clear indication that they are planning for our long term future.

The Business Systems Division (BSD) launched a new PeopleSoft web requisition entry system on Monday, February 14. At our request, BSD held a one-hour training session for Collider-Accelerator Department personnel on Thursday, February 10 in the Snyder Seminar Room. The session was very well attended and the discussion was lively. We began on Monday to process requisitions in the new system and have not experienced any significant problems. Steve Bubka and Ann Lamberti are available if you require assistance with the entry process. For assistance with system access, contact the ITD Help Desk at X5522.

Stephanie LaMontagne-McKeon



RHIC Update

Input from Fulvia.

Fulvia Pilat



SNS

Brian Boos and Richard Marvin of the DOE IG Audit Team were guests at BNL earlier this month. While here they spoke with BNL/SNS Project Office personnel (J. Wei, K. Mirabella, R. van Wormer and W. McGahern), Technical Representative for BNL/SNS QA (R. Savage), BNL Procurement Manager (D. Dale) and DOE Federal Project Director (M. Butler). In addition to the one-on-one interviews, R. Marvin was taken on a two hour tour of the magnet assembly area in buildings 902 and 905. In their close-out statements the auditors indicated that even though analysis is still to be done and a decision made on whether to launch into the next phase of an audit, they are not likely to return to BNL. They stated that during their review at BNL they focused on two issues: (1) Diagnostics - where the correction plan initiated about a year ago is now on track and “concerns have been expelled” and, (2) QA Plan for tracking (vendor) magnet deficiencies - here they stated that the BNL team convinced them that the tracked deficiencies will not impact component quality or machine performance and there is “no reason for us to second guess the experts”. Thus, at the conclusion of the close-out meeting, the auditors stated that “there are no BNL/SNS issues to report on”.

Other News:

The BNL/SNS Diagnostic Team (T. Russo) reported the completion of the following systems: Beam Loss Monitor (BLM), Fast Beam Loss Monitor, Beam Current Monitor and Electron Detector. Production / assembly continues on the Beam Position Monitor, Ionization Profile Monitor, Beam in Gap and the Video Foil Monitor.

The 17D224 magnet core (J. Rank) from Pioneer Steel arrived in early February and is being

prepared for final assembly in Bldg. 902 (S. Seberg).

The assembled 17ELS224 - Extraction Lambertson Septum - magnet (J. Rank) was shipped this week from Alpha Magnetics (CA). Plans are underway for acceptance testing and measurement of field quality (P. Wanderer).

The K2 extraction kicker assembly, consisting of seven kicker magnets (C. Pai), has been fully tested at BNL and is being prepared for shipment to Oak Ridge (A. Pendzick / A. Korol). The assembly includes the new bake-out blankets and temperature monitors (H. Hseuh).

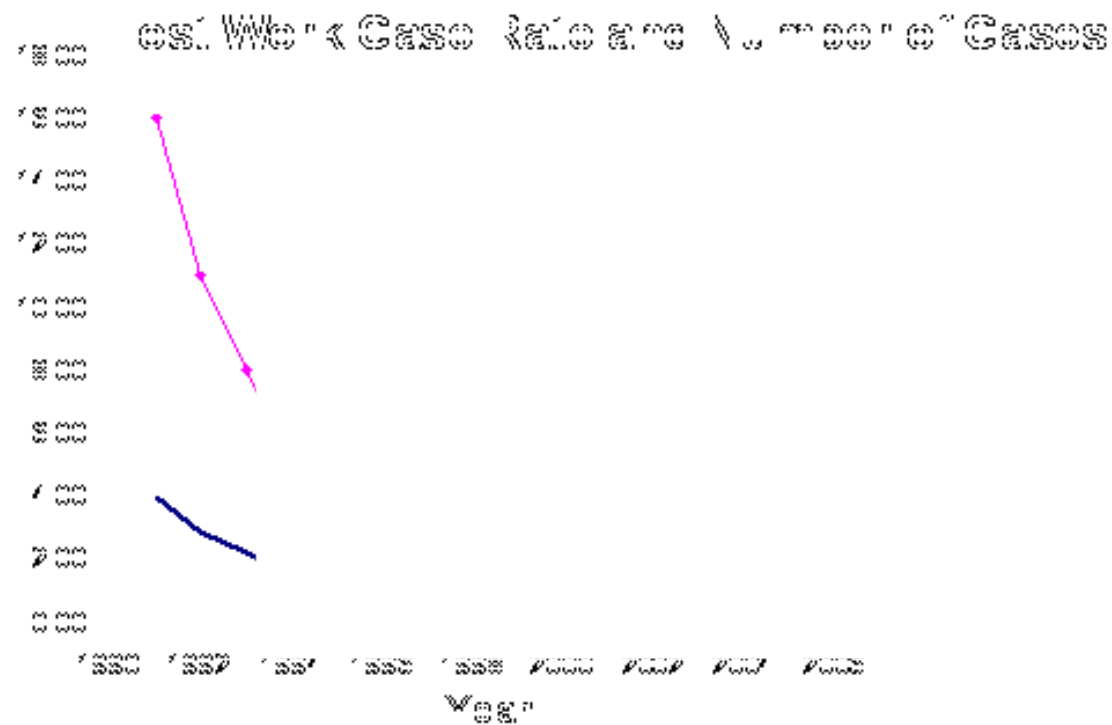
Final assembly continues on the K1 extraction kicker assembly (D. Lehn), two quadrupole doublet assemblies for the extraction straight section (S. Seberg), and the assembly of four 36Q85 radiation hardened quadrupoles (C. Pearson).

BNL/SNS "Project Complete" remains on track for March 31, 2005.

Bill McGahern



!!Safety Stats!!



REMINDER: TLD exchange is done the FIRST FRIDAY of the Month.

**NEXT EXCHANGE: Have your TLD on its assigned badge board by
Friday, MARCH 4, 2005**

Pete Cirnigliaro

On behalf of Jim Tarpinian:

Responses to some of the safety concerns raised by Lab staff during the recent Safety Partnership Week are now available on the ESHQ website in PDF format. Responses will be continually added as they are generated. This announcement has also been posted on the BNL Homepage.

See http://intranet.bnl.gov/ESHQ/Safety_Partnership_Week.asp



In Memory

Ed Koropsak, C-AD Controls Division passed away suddenly Tuesday, February 15. He will be missed tremendously by his wife Jane, family, friends, and all of his co-workers. For those who would like to sign a sympathy card and contribute to flowers please see Marion Heimerle.



Information for the wake and funeral mass for Ed Koropsak are as follows:

Thursday, February 17 -- 7 p.m.--9:30 p.m.

Friday, February 18 -- 2:00 p.m.--4:30 p.m. and 7:00 p.m.--9:30 p.m.

Funeral Home:

Raynor and D'Andrea

245 Montauk Highway

West Sayville

Phone: 631-589-2345

Departures

KURT VETTER

will terminate on February 25. Kurt was with the Beam Components Group.

We wish you well Kurt !



We wish all of you born in **FEBRUARY**
a happy and healthy year ahead.

Birthday people ONLY click on cake



C-AD Service Awards

30

BRIAN OERTER

Brian is with the Controls Division and received a radio/travel alarm & quill pen to mark his special anniversary.

25

JAMES ALDUINO
ADY HERSHCOVITCH

Each received a Bulova watch. Jim is with the Design & Documentation Group and Ady is with the Preinjectors Group. SY is with the Accelerator Physics Group and is enjoying his Cross pen and pencil set he received to mark his anniversary.

20

SY ZHANG

Congratulations to all!



DID YOU KNOW?????????????

Commissioner Bernadette Castro of the New York State Office of Parks, Recreation and Historic Preservation, has announced that permits are currently on sale for the upcoming season. Available at local parks are the following permits: sport fishing, four-wheel drive beach vehicle fishing, seven-day fishing, Caumsett fishing, Camp Hero fishing, Empire Passport, star gazing, regional diving, metal detector, group use and youth group. For park locations and requirements for each permit, call 631-669-1000, ext. 246. For details on New York State Parks, visit

www.nyparks.com

The Internal Revenue Service has made available on its website Publication 600, Optional State Sales Tax Tables, which taxpayers may use for their 2004 returns. The IRS will also send Publication 600 to all taxpayers who get a Form 1040 tax package. The American Jobs Creation Act of 2004 authorized the sales tax deduction as an option for those who itemize deductions, letting them choose between deductions for state and local income or sales taxes. The law provides this choice for tax years 2004 and 2005 ONLY. Taxpayers can download Publication 600 from

www.irs.gov

A printed version will be available through the mail by calling 1-800-829-3676.

Brookhaven Women in Science Offers Scholarship for Women Science Students

Upton, NY -- Applications are now being accepted for the Renate W. Chasman Scholarship for Women. This scholarship was established in 1986 to encourage women who have taken a break from formal education to resume their studies in natural sciences, engineering or mathematics. The winner will receive a one-time award of \$2,000 from Brookhaven National Laboratory's Brookhaven Women

in Science, a not-for-profit organization whose aim is to promote the advancement of women.

Candidates for the scholarship must be U.S. citizens or resident aliens who live in Nassau or Suffolk County, or the boroughs of Brooklyn or Queens. They must be accepted for credit in a degree-oriented program at an accredited institution. Their program of study for 2005-2006 must be either at the junior or senior undergraduate level or at the first-year graduate level, to be pursued on a half time or greater basis.

A committee of Brookhaven Lab scientists will choose the winner. The award will be made directly to the recipient, who will be expected to complete at least two consecutive school terms in good academic standing.

Application forms and further information can be obtained by writing to: Chasman Scholarship Fund, P. O. Box 183, Upton, NY 11973, or applications may be downloaded from this website:

www.bnl.gov/BWIS/scholarships.asp

The deadline for applications is April 1, 2005. The award will be presented in July. Please include a stamped, self-addressed envelope when requesting an application by mail.

Renate W. Chasman (1932-1977) was a noted physicist at Brookhaven Lab. Her work influenced the design of particle accelerators around the world, including the National Synchrotron Light Source at Brookhaven. The Renate W. Chasman Scholarship Fund is supported by fund-raising events and tax-deductible contributions from individuals and organizations, including Brookhaven Science Associates, the company that manages Brookhaven Lab.



emailed received from Penny LoPresti:

For those people collecting the state quarters here is an announcement about a defect in the Wisconsin quarter:

<http://aolsvc.news.aol.com/news/article.adp?id=20050208190109990003>

Enjoy each and every day for it is a precious gift

Penny and Ray



It's a Boy!



Jie Wei and Ruimei are pleased to announce they have a new baby boy, Benjamin. Benjamin weighed in at 8 pounds on January 20. Big brother Alan is quite pleased, and Jie was quick to note that although the boys are named alphabetically there are no current plans to go all the way to "Z".

Congratulations



This has 2 parts. A list to live by and a smile at the end to enjoy.

The most destructive habit
The greatest joy
The greatest loss

Worry
Giving
Loss of self-respect

The most satisfying work
The ugliest personality trait
The most endangered species

Helping others
Selfishness
Dedicated leaders

Our greatest natural resource
The greatest "shot in the arm"
The greatest problem to overcome

Our youth
Encouragement
Fear

The most effective sleeping pill
The most crippling failure disease
The most powerful force in life

Peace of mind
Excuses
Love

The most dangerous pariah
The world's most incredible computer
The worst thing to be without

A gossip
The brain
Hope

The deadliest weapon
The two most power-filled words
The greatest asset

The tongue
"I Can"
Faith

The most worthless emotion
The most beautiful attire
The most prized possession

Self-pity
SMILE!
Integrity

The most powerful channel of communication
The most contagious spirit

Prayer
Enthusiasm

Click on smile below for your surprise!



Photos taken from Christmas Party courtesy of Ripp Bowman





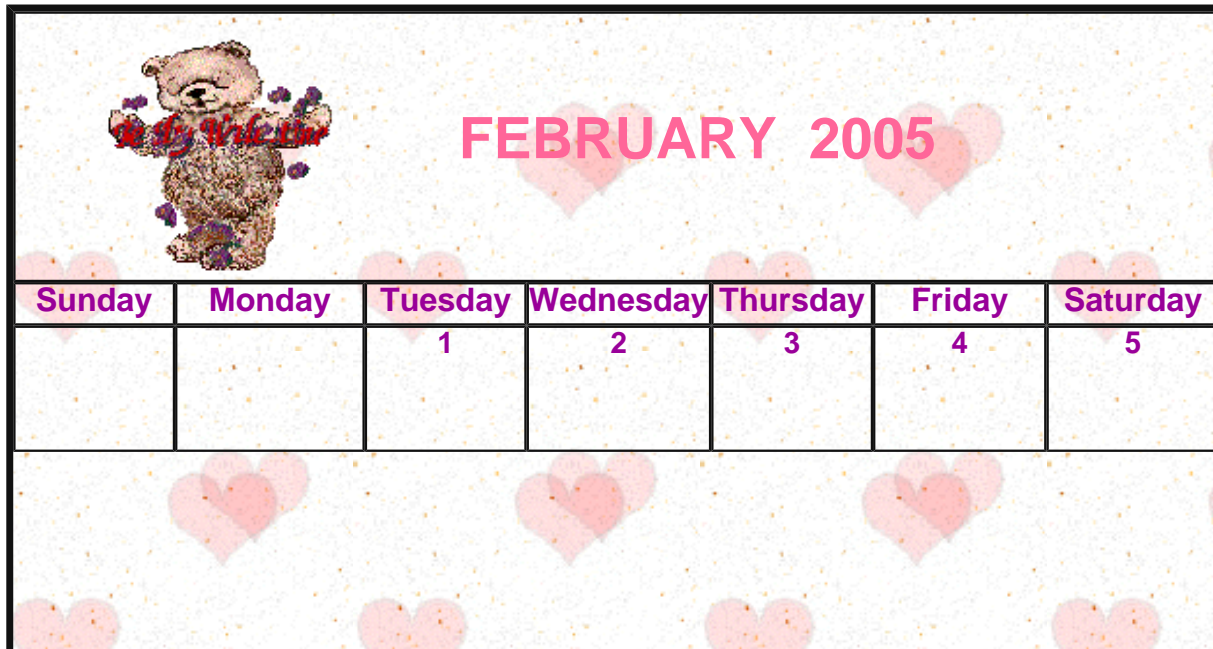






ALUMNI NEWS: AGS//RHIC/C-AD RETIRED CROWD -We'd enjoy hearing from you and what you're up to! Send your notes to pmanning@bnl.gov

You can catch up on all of Eric Forsyth's travels by clicking on his sailing yacht below





6	7	8	9 Concert Percussionist Joseph Gramley, Noon, Berkner	10 Community Advisory Council Meeting "Open to the Public" 6:30pm, Berkner, Room B	11 Timecards Due	12
13	14 Happy Valentine's Day	15	16 Brookhaven Lecture "Heavy Ion Beam Effects on Cells and Animals", M. Vasquez, Medical Dept., 4pm, Berkner Auditorium	17 Brookhaven Accelerator Forum, "Energy Recovery Linacs with High- Brightness and Ampere Average Current, I, Ben-Zvi, 3pm, Berkner, Room B	18 Employee Lunchtime Tour "National Weather Service" Hosted by Elaine Lowenstein, 12pm, Upper Lobby, Berkner	19
20	21 Presidents' Day Lab Holiday	22	23	24	25 C-AD AP Seminar "Report from trip to HIMAC and KEK" K. Brown & A. Rusek, 4pm, 911B, LCR	26
27	28					



MARCH 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10 Community Advisory Council Meeting "Open to the Public" 6:30pm, Berkner, Room B	11	12
13	14	15	16 Timecards Due 402nd Brookhaven Lecture "Genetic Engineering: What's the Fuss?", 4pm, Berkner Auditorium	17 Saint Patrick's	18 Employee Lunchtime Tour "National Synchrotron Light Source", 12pm, Upper Lobby, Berkner	19
20	21	22	23	24	25	26



27	28	29	30	31		
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